

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

~~{1}~~1. (Currently Amended) An apparatus for analyzing nitropolycyclic aromatic hydrocarbon, comprising:

a separation column for separating an isomer of nitropolycyclic aromatic hydrocarbon;

a reduction column for aminating the separated nitropolycyclic aromatic hydrocarbon; and

a fluorescence detector.

~~{2}~~2. (Currently Amended) An apparatus for analyzing nitropolycyclic aromatic hydrocarbon, comprising:

a separation column for separating an isomer of nitropolycyclic aromatic hydrocarbon;

a reduction column for aminating the separated nitropolycyclic aromatic hydrocarbon;

an analysis column for separating an interfering component contained in the detection material; and

a fluorescence detector.

~~{3}~~3. (Currently Amended) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to ~~claims 1 or 2~~ claim 1, wherein the

separation column is a silica gel/C8 column.

~~{4}~~4. (Currently Amended) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to ~~any one of claims 1 through 3~~ claim 3, wherein the reduction column is an alumina/Pt-Rh reduction column.

~~{5}~~5. (Currently Amended) A method for analyzing nitropolycyclic aromatic hydrocarbon, comprising:

a step of separating an isomer of nitropolycyclic aromatic hydrocarbon using a separation column;

a step of aminating the separated nitropolycyclic aromatic hydrocarbon using a reduction column; and

a step of performing fluorescence detection.

~~{6}~~6. (Currently Amended) A method for analyzing nitropolycyclic aromatic hydrocarbon, comprising:

a step of separating an isomer of nitropolycyclic aromatic hydrocarbon using a separation column;

a step of aminating the separated nitropolycyclic aromatic hydrocarbon using a reduction column;

a step of separating an interfering component contained in the detection material; and

a step of performing fluorescence detection.

~~{7}~~7. (Currently Amended) The method for analyzing nitropolycyclic aromatic hydrocarbon according to ~~claims 5 or 6~~ claim 5, wherein the separation column is a silica gel/C8 column.

~~{8}~~8. (Currently Amended) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to ~~claims 5 or 6~~ claim 5, wherein the reduction column is an alumina/Pt-Rh reduction column.

9. (New) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to claim 1, wherein the reduction column is an alumina/Pt-Rh reduction column.

10. (New) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to claim 2, wherein the separation column is a silica gel/C8 column.

11. (New) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to claim 10, wherein the reduction column is an alumina/Pt-Rh reduction column.

12. (New) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to claim 2, wherein the reduction column is an alumina/Pt-Rh reduction column.

13. (New) The method for analyzing nitropolycyclic aromatic hydrocarbon according to claim 6, wherein the separation column is a silica gel/C8 column.

14. (New) The apparatus for analyzing nitropolycyclic aromatic hydrocarbon according to claim 6, wherein the reduction column is an alumina/Pt-Rh reduction column.